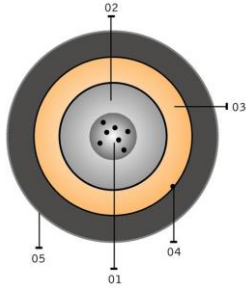




TENAX (FR-750)
Dielectric Unitube Cable (Up to 24 FO)



All technical specifications are subject to change without prior notice. Consult OPTRAL for the latest edition.

Cable Description

- 01. Fibre Optics
- 02. Central Tube (Jelly filled) + Mica Tape
- 03. Fibreglass Reinforcements - WB
- 04. Ripcord
- 05. Outer Jacket

Fire Performance

- Flame retardant (IEC 60332-1)
- Fire retardant (IEC 60332-3-22)
- Halogen free (IEC 60754-1/-2)
- Low smoke emission (IEC 61034-2)
- Fire resistant (IEC 60331-25, 180 min, 750°C)
- Emergency circuits (EN50200 - PH120, 830°C)

Advantages

Compact / Lightweight / Flexible / Tough / Resistant / Totally dielectric / Watertight / Reduced diameter / Rodent protected.

Applications

Universal (Indoor / Outdoor)

Rodent protection

Rodent protected

Options

Special colour code (TIA 598)

CPR Classification (Euroclass)

Reaction to Fire: Dca, s2, d2, a1
 Declaration Code: DOP01006



SPECIFICATIONS		
Fibres	2 / 4 / 6 / 8 / 12	16 / 24
Ø Central Tube (mm)	3.5 ± 0.2	4.2 ± 0.2
Fire protection over tube	Mica Tape	
Strength Members	Fibreglass Reinforcements WB (Waterblocking)	
Outer Jacket	LSZH ¹	
Colour	Black	
Weight (Kg/Km)	85	93
Outer Ø (mm)	9.2 ± 0.3	9.5 ± 0.3
Max. Tensile Load (N)	3200 (IEC 60794-1-21 E1)	
Max. Crush (N/dm)	3200 (IEC 60794-1-21 E3)	
Max. Impact (J)	10 (IEC 60794-1-21 E4)	
Temperature Range	-40°C to +70°C (IEC 60794-1-22 F1)	
Min. Bending Radius (mm)	10 x Outer Ø (Operation) / 15 x Outer Ø (Installation) - (IEC 60794-1-21 E11)	

Standards

Mechanical and Environmental tests according to IEC 60794-1-21 and IEC 60794-1-22.

Fibres colour code: Red - Green - Blue - Yellow - Grey - Violet - Brown - Orange - White - Pink - Black - Turquoise. With black stripe: Red - Green - Blue - Yellow - Grey - Violet - Brown - Orange - White - Pink - Natural - Turquoise.

¹ LSZH – Halogen free, low smoke and flame retardant thermoplastic compound.